

# I6031\_cfp (name from column A)

## 1.Sequence File:

5\_I6031\_CFP\_VF2.txt (file with observed sequence)

## 2.Backbone:

pSB1C3 (designated in column D)

## 3.Inserts: (color scheme matches analysis below)

Insert 1:

R0011 [PROMOTER]

AATTGTGAGCGGATAACAATTGACATTGTGAGCGGATAACAAGATACTGAGCACA

Insert 2:

B0034 [RBS]

AAAGAGGAGAAA

Insert 3:

CFP W. LVA (E0022)

ATGGTGAGCAAGGGCGAGGAGCTGTTCACCGGGGTGGTGCCCATCCTGGTCGAGCTGGA  
CGGCGACGTGAACGGCCACAAGTTCAGCGTGTCCGGCGAGGGCGAGGGCGATGCCACCT  
ACGGCAAGCTGACCCTGAAGTTCATCTGCACCACCGGCAAGCTGCCCCTGCCCTGGCCCA  
CCCTCGTGACCACCCTGACCTGGGGCGTGCAAGTTCAGCCGCTACCCCGACCACATGA  
AGCAGCACGACTTCTTCAAGTCCGCCATGCCCCGAAGGCTACGTCCAGGAGCGCACCATCT  
TCTTCAAGGACGACGGCAACTACAAGACCCGCGCCGAGGTGAAGTTCGAGGGCGACACC  
CTGGTGAACCGCATCGAGCTGAAGGGCATCGACTTCAAGGAGGACGGCAACATCCTGGG  
GCACAAGCTGGAGTACAACATCAGCCACAACGTCTATATCACCGCCGACAAGCAGAA  
GAACGGCATCAAGGCCAACTTCAAGATCCGCCACAACATCGAGGACGGCAGCGTGACGCT  
CGCCGACCACTACCAGCAGAACACCCCCATCGGCGACGGCCCCGTGCTGCTGCCCCGACA  
ACCACTACCTGAGCACCCAGTCCGCCCTGAGCAAAGACCCCAACGAGAAGCGCGATCACA  
TGGTCCTGCTGGAGTTCGTGACCGCCGCCGGGATCACTCTCGGCATGGACGAGCTGTACA  
AGAGGCCTGCTGCAAACGACGAAAACACTACGCTTTAGTAGCTTAATAA

Insert 4:

B0015 [DT]

CCAGGCATCAAATAAAACGAAAGGCTCAGTCGAAAGACTGGGCCTTTCGTTTTATCTGTTG  
TTTGTGCGGTGAACGCTCTCTACTAGAGTCACACTGGCTCACCTTCGGGTGGGCCTTCTGC  
GTTTATA

## 4.Observed Sequence

>150721-05\_K05\_5\_I6031\_CFP\_VF2.AB1

(green is prefix and suffix)

(other colors match insert sequences above)

1445NNNNNNNNNNNNNTNNCNATNNNNNTAGGCGTATCACGAGGCAGAATTCAGA  
TAAAAAAAATCCTTAGCTTTCGCTAAGGATGATTTCTGGAATTCGCGGCCGCTTCTAGAGAA  
TTGTGAGCGGATAACAATTGACATTGTGAGCGGATAACAAGATACTGAGCACATACTAGAG  
AAAGAGGAGAAA TACTAGATGGTGAGCAAGGGCGAGGAGCTGTTACCGGGGTGGTGCC  
CATCCTGGTCGAGCTGGACGGCGACGTGAACGGCCACAAGTTCAGCGTGTCCGGCGAGG  
GCGAGGGCGATGCCACCTACGGCAAGCTGACCCTGAAGTTCATCTGCACCACCGGCAAG  
CTGCCCGTGCCCTGGCCACCCCTCGTGACCACCCCTGACCTGGGGCGTGCAAGTGTTCAG  
CCGCTACCCCGACCACATGAAGCAGCAGACTTCTTCAAGTCCGCCATGCCCGAAGGCTA  
CGTCCAGGAGCGCACCATCTTCTTCAAGGACGACGGCAACTACAAGACCCGTGCCGAGGT  
GAAGTTCGAGGGCGACACCCTGGTGAACCGCATCGAGCTGAAGGGCATCGACTTCAAGG  
AGGACGGCAACATCCTGGGGCACAAGCTGGAGTACAAC TACATCAGCCACAACGTCTATA  
TCACCGCCGACAAGCAGAAGAACGGCATCAAGGCCA ACTTCAAGATCCGCCACAACATCG  
AGGACGGCAGCGTGAGCTCGCCGACCACTACCAGCAGAACACCCCCATCGGCGACGGC  
CCCGTGCTGCTGCCCGACAACCACTACCTGAGCACCCAGTCCGCCCTGAGCAAAGACCCC  
AACGAGAAGCGCGATCACATGGTCCTGCTGGAGTTCGTGACCGCCGCCGGGATCACTCTC  
GGCATGGACGAGCTGTACAAGAGGCCTGCTGCAAACGACGAAA ACTACGCTTTAGTAGCT  
TAATAATACTAGAGCCAGGCATCAAATAAAACGAAAGGCTCAGTCGAAAGACTGGGCCTTT  
CGTTTTATCTGTTGTTTGTGCGGTGAACGCTCTCTACTAGAGTCACACTGGCTCACCTTCGG  
GTGGGCCTTCTGCGTTTATA TACTAGTAGCGGCCGCTGCAGTCCGGCAAAAANGGGCAA  
GGTGTCAACCACCN TGCCCTTTTTCTTTAAAACCGAAANGATTACTTCCCN GTTATGCAAGNN  
TTCCTCGNNTCAATGAATCNGTTGGNNCTCGGNTCGTTCGGNTNNCGGNGAAGGGNTATC  
ANNNNNNNNCCAAAGGCGNNAATACCGGTTNNCCCN NAGAATCCNGGGNATAACCCNNGG  
AAAAANNNTNNNGACCAAANGNCNNNNNNANAAGNNNCNGNAACCGTAAAANGGCCNNNN  
NNNNNGGNNTTTTTNCNNNNNGNNNCNNCCCCCNTGANNNNNNNNNNAAAANNNNNGNNC  
NTNNCNNNNNAANN